			ALIV.	UTA	H OIL	AND GAS CONS	ERVATION C	OMMISSIC	on -		_	
REMARKS:	WELL LOG	*ŧLE	CTRIC LOGS	_FILE_	X	WATER SANDS	LOCAT	TON INSPECT	ED	SUE	B. REPORT/abd.	
												·
DATE FILED	10	23-84	1 1011									
LAND: FEE &			ÉASE NO			PU	BLIC LEASE NO.				INDIAN 14-2	20-Н62-3333
DRILLING API	PROVED. 11.		OIL (Caus	e No	130							
SPUDDED IN		<u> 1-04 -</u>	OID (Gaus	<u> </u>		,			**			
COMPLETED			PUT TO PROD	UCING:								
INITIAL PROF	DUCTION					• • •			•		<del></del>	
GRAVITY A P.	J.											
GOR:												
PRODUCING	ZONES:						,					
TOTAL DEPT	н:											
WELL ELEVA	TION:		-									
DATE ABAND			plication	7 Re	Sci	ndid	1-16.8	<u>J</u>		•		
FIELD:	UNDESIGN	ATED	-	. 1								
UNIT:												
	DUCHESNE											
	COYOTE U		BAL #7-4					A	PI #43-	013-310	14	
LOCATION	1370' FN	IL F	T. FROM (N) (S) LINE,	143	ו י7	EL	T. FROM (E) (W)	LINE.	SW NE		1/4 — 1/4 SEC.	4
TWP	RGE.	SEC.	OPERATOR				TWP.	RGE.	SEC.	OPERATOR		
4S	4W	4	LOMAX EX	PLORA	TIO	v CO.						



October 16, 1984

U. S. Department of the Interior Bureau of Land Management 170 South 500 East Vernal, Utah 84078

Re. Coyote Ute Tribal #7-4
SW/NE Sec. 4, T4S, R4W
Duchesne County, Utah
Application for Permit to Drill

#### Gentlemen: .

Please find enclosed the original and three (3) copies of our Application for Permit to Drill for the subject well.

It is requested that a copy of the approval be mailed to Lomax's Roosevelt office at P. O. Box 1446, Roosevelt, Utah 84066.

If further information is required, please advise.

Yours very truly,

G. L. Pruitt

Vice President, Drilling and Production

GLP:da Enclosures

cc: State of Utah

Division of Oil and Gas 4241 State Office Building Salt Lake City, Utah 84114

cc: Bureau of Indian Affairs

Realty Property Management Office

Uinta and Ouray Agency Ft. Duchesne, Utah 84026 RECEIVED

007 2 3 1984

DIVISION OF OIL
GAS & MINING

333 North Belt East • Suite 880 • Houston, Texas 77060 • 713/931-9276

Mailing Address: P.O. Box 4503 • Houston, Texas 77210-4503

District Office: 248 North Union • Roosevelt, Utah 84066 Mailing Address: P.O. Box 1446 •Roosevelt, Utah 84066 Form 3160-3

(Other instructions on

Form approved. Budget Bureau No. 1004-0136

(formerly 9-331C)	DEPARTMENT BUREAU OF	LAND MANAG	EMENT		5. LEASE DEBIGNATION BIA-14-20-H6	ON AND STREAM NO.
is. TTPE OF WORK	n for permit i rill (5)	O DRILL, D	EEPEN, OR PLUG PLUG BA		Ute 7. GWET ASSESSMENT	
D. TIPE OF WELL OIL WELL X  2. MANS OF OFFICEROR	GAS WELL OFFISH		SONE MULTI	*** []	8. FARM OR TRANS	
Lomax Explora		77010	4500		9. WM4. No. #7-4	
4. LOCATION OF WHILL (	'O' FNL & 1437 FE	in secordance with	45U3 any State requirements.*)		11. SEC., T., B., M., AND SURVEY OR	Indesignat
	of Duchesne, Uta		OFFICE*		Sec. 4, T4S,	BH 18. STATE
15. DISTANCE FROM PROP LOCATION TO NEAR	POSED <sup>®</sup> ST		16. No. OF ACREE IN LEASE 964.72	20 1	Duchesne	Utah
18. DISTANCE FROM PRO TO NEAREST WELL, OR APPLIED FOR, ON T	COMED LOCATION	IA	19. PROPOSED DEPTY	1	er of Casts Tools Otary	
21. ELEVATIONS (Show w 5639' GR	bether DF, RT, GR, etc.)	· · · · · · · · · · · · · · · · · · ·	With		Feb 1985	WORK WILL START
23.		PEOPOSED CASING	AND CEMENTING PROGR	AM		
SIEE OF MOLE	EDES OF CASINO	WEIGHT PER PO			quantity of CE	KENT
13" 8-3/4"	9-5/8"	36# 23# & 26#	600'		rface	
6-1/8"	4-1/2" Liner	13.50#	7500' 85 <b>0</b> 0'	سنست سستند اس	quired quired	
			RF	CEN		
	APPROVED OF UTAH	BY THE ST	rate	23 1		

DIVISION OF OIL GAS & MINING

- X01	115.11			
NED TO FOR	derai or State office use	 ntes V.P. Dr	lg. & Production	DATE 10-15-84

#### PROJECT

TIE FROM LOCATION TO NE COR. N 450 01 39"E - 1985 69"

X = Section Corners Located

NOTE:

#### LOMAX EXPLORATION CO.

Well location, COYOTE UTE TRIBAL #7-4, located as shown in the SW I/4 NE I/4 Section 4, T4S, R4W, U.S.B.&M. Duchesne County, Utah.

Old Stone 1/4 Cor Found

From 1882 Survey

## T4S, R4W, U.S.B.&M.

R4W

32 | 33 | T3S | BRASS CAP | 33 | 34 | T3S |

5 | 4 | T4S | 1914 | 4 | 3 | T4S |

S 88º40' W 5327.01 900 Lot / Lot 2 Lot 3 Lot 4 1437 (Comp.) COYOTE UTE TRIBAL #7-4 Elev. Ungraded Ground 5639' Survey 885

NOTE: The Bearing for the North Section line is from a 1914 Survey Completed by Gentry (T3S, R4W, U.S.M.). The South, East and West Lines are from an 1882 Survey by D.G. Major (T4S, R4W, U.S.M.) and are not in place as near as we can tell. Please note that we found a marked 1/4 Corner at the Location of the Old (1882) Survey on the North Line of Section 3.

## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELLEF

REGISTERED LAND SURVEYOR'S REGISTRATION Nº 3137

aurence

UINTAH ENGINEERING & LAND SURVEYING
POBOX Q ~ 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE  " = 1000	DATE 9/28/84
PARTY B.F.W. MW MB	REFERENCES GLO Plat
WEATHER Fair	LOMAX EXPLORATION

#### TEN POINT WELL PROGRAM

Lomax Exploration Company Coyote Ute Tribal #7-4 SW/NE Sec. 4, T4S, K4W Duchesne County, Utah

#### 1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

#### 2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta

Surface

Green River

3400

Wasatch

3000

## 3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Wasatch

83001

0i1

#### 4. PROPOSED CASING PROGRAM:

9-5/8", 36#, J-55 casing; set @ 600'
7", 23# & 26#, K-55 & N-80 casing; set @ 7500'
4-1/2", 13.5#, N-80 liner; set @ TD

All casing will be new

#### 5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows:

A 10" Series 900 Hydril Bag type BOP and a 10" Double Ram Hydraulic unit with a closing unit will be utilized. Pressure tests of BOP's to 1000# will be made prior to drilling surface plug and operation will be checked daily. (See Exhibit A)

# 6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

It is proposed that the hole be drilled with KCl water to 1 7500' and with mud thereafter. The mud system will be a water based gel-chemical, weighted to 12.5 ppg as necessary for gas control.

#### Ten Point Plan

Page - 2 -

#### 7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be Kelly Cock, and a TIW valve with drill pipe threads.

#### 8. TESTING, LOGGING AND CORING PROGRAMS:

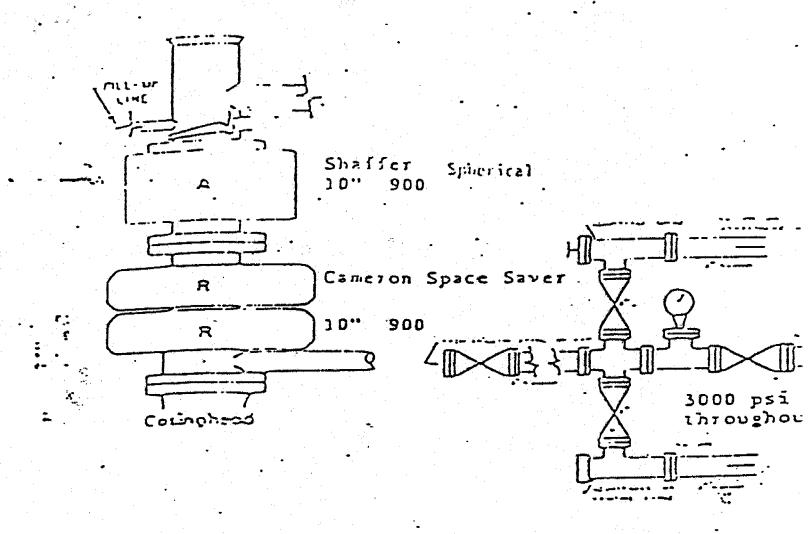
No coring or drill stem testing has been scheduled for this well. The logging will consist of a Dual Induction Laterolog and a Compensated Neutron-Formation Density.

#### 9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The potential for abnormal pressure exists below 7000'. No other abnormal hazards such as H2S gas are anticipated in this area.

# 10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that operations will commence approximately February 1985.



LOMAX EXPLORATION CO.

13 Point Surface Use Plan

For

Well Location

Coyote Ute Tribal #7-4

Located In

Section 4, T4S, R4W, U.S.B. & M.

Duchesne County, Utah

#### 1. EXISTING ROADS

See attached Topographic Map "A".

To reach LOMAX EXPLORATION CO. well location site Coyote Ute Tribal #7-4 located in the SW 1/4 NE 1/4 Section 4, T4S, R4W, U.S.B.& M., Duchesne County, Utah:

Proceed Easterly out of Duchesne, Utah along U.S. Highway  $40 \pm 3.6$  miles to the junction with an existing dirt road to the South; proceed in a Southerly direction along this road 0.5 miles to it's junction with the proposed access ramp. (To be discussed in Item #2).

U.S. Highway 40 is a bituminous surface road and is maintained by state road crews. All other roads are built out of native materials accumulated during construction.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well will be maintained at the standards required by the B.I.A. or other controlling agencies. This maintenance will consist of some minor grader work for smoothing of road surfaces and for snow removal.

There will be no new culverts required on this existing road.

#### 2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed road leaves the existing dirt road described in Item #1 in the SW 1/4 NE 1/4 Section 4, T4S, R4W, U.S.B.& M., and proceeds in a Westerly direction approximately 40' to the proposed location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meterological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There will be no culverts required along this access road, there are no major drainages encountered along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattleguards required.

There will be no turnouts required along this road.

The lands involved in this action are under B.I.A. jurisdiction.

The terrain that is traversed by this road is relatively flat. The grade of this road will not exceed 8%.

#### 3. LOCATION OF EXISTING WELLS

See Topographic Map "B".

There are no known water wells, producing wells, injection wells, monitoring or observation wells for other resources within a one-mile radius of this location site.

#### 4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are no existing LOMAX EXPLORATION CO. wells within a one mile radius of this location site.

A tank battery site will be set up at the proposed location site. This battery will be used to contain production from this well. If in the event this battery can not be improvised, a flowline will be built which will extend to an existing battery in the area.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bulldozers, graders and workman crews to construct and place the proposed facilities. If there is any deviation from the above, all appropriate agencies will be notified. Rehabilitation of disturbed areas no longer needed for operation after construction is completed will meet the requirements of Item #10.

#### 5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that the water to be used in the drilling of this well will be hauled by truck from the Duchesne Piver approximately 1 mile North of the location site.

In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this location site.

#### SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

The native materials that will be used in the construction of this location site and access road will consist of sandy-clay soil and sandstone and shale material gathered during the actual construction of the road and location.

#### 7. METHOD OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will be approximately 10' deep and at least one-half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

A portable chemical toilet will be provided for human waste.

#### 8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none forseen in the near future.

#### WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.I.A. Representative shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make them safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

#### 10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet and Item #9). When all drilling and production activities have been completed, the location site will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

As mentioned in Item #7, the reserve pit will be completely fenced and wired with overhead wire and flagging installed. If there is oil in the pits, it will be allowed to dry completely before covering.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site shall be reseeded with a seed mixture recommended by the surface owner when the moisture content of the soil is adequate for germination. The Lessee further convenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

#### 11. OTHER INFORMATION

#### The Topography of the General Area - (See Topographic Map "A").

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Duchesne River is located approximately 1 mile to the North of the location site.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone ledges, conglomerate deposits, and shale are common in this area.

The geologic structures of the area that are visible are of the Uintah formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quarternary Period.

Outcrops iof sandstone ledges, conglomerate deposits and shale are common in the area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rate as the normal annual rainfall in the area in only 8".

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegatation that is found in the area is common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush some grasses and cacti, on the upper benches with cottonwoods, beach, willows, Russian Olives, and grasses along the lower levels close to the wet areas and streams.

The fauna of the area consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits and varieties of small ground squirrels and other types of rodents, and various reptiles comoon to the area. The area is used by man for the primary purpose of grazing domestic livestock.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

#### The Topography of the Immediate Area - (See Topographic Map "B")

Coyote Ute Tribal #7-4 is located on a Bench area between Coyote Canyon and Cottonwood Canyon non-perennial drainages which drain to the North into the Duchesne River.

The terrain in the vicinity of the location slopes from the East through the location site to the West at approximately a 2.7% grade. The Duchesne River is approximately 1 mile North of the location site.

The vegetation in the immediate area surrounding the location site consists of grasses and sparse amounts of sagebrush.

There are no occupied dwellings or other facilities of this nature in the general area.

All lands that will be damaged by this location site are on Ute Tribal lands.

It will be determined by a certified archeologist whether there are any archeological findings in the immediate area of this location site.

There are no visible historical or cultural sites within any reasonable proximity of the proposed location site.

#### 12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

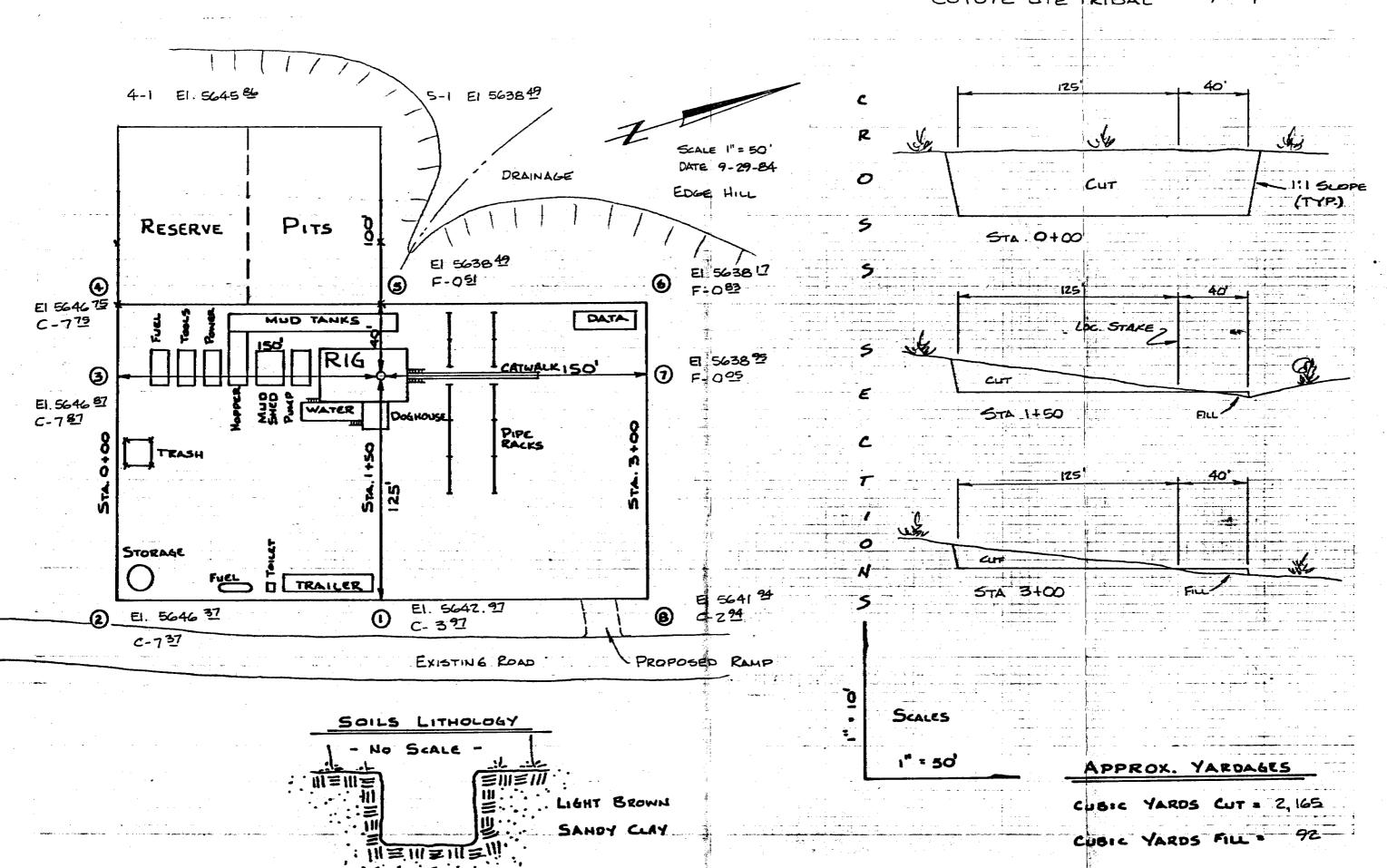
G. L. Pruitt Lomax Exploration Co. P.O. Box 4503 Houston, TX 77210-4503 1-713-931-9276

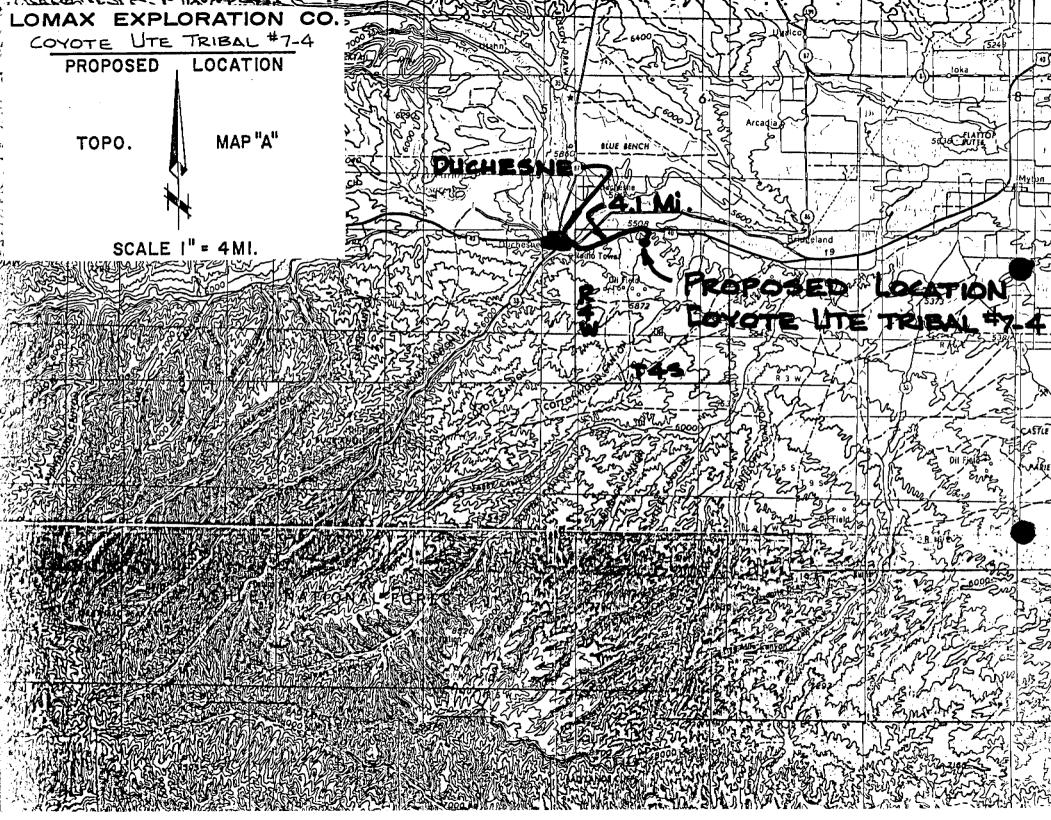
#### 13. CERTIFICATION

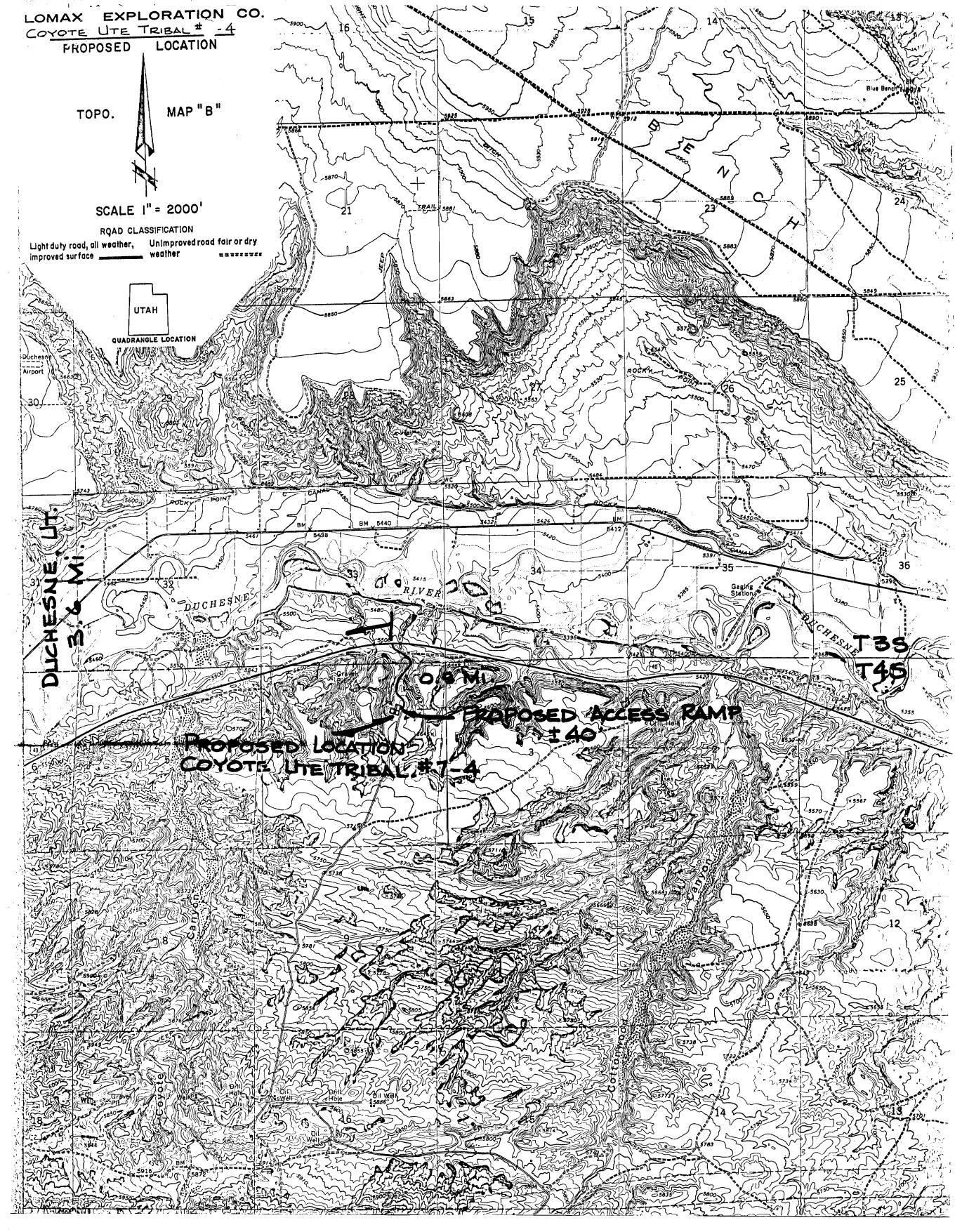
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by LOMAX EXPLORATION CO. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

10/16/84

G. L. Proitt







## Form 97 2M 10-70

# TEMPORARY

Application No. 7 6026 &

Form (	7 2M 10-79		- <del>-</del>	<i>-</i>	* *			
			TION TO APPROSTATE OF U	JTAH		•		9611
	OTE: The information give mentary statement should be							
						riated wate	r of th	ie State of
Utah Engi	, for uses indicated t neer, based upon the	following sh	owing of facts, si	ubmitted	in accordan	ice with the	requit	rements of
1.	Irrigation Domes	tic Stock	cwatering 🔲 Mu	ınicipal	Power 🗆	Mining 🗀	Oth	er Uses Lxl
9	The name of the appli	icant is	<u> Matador Servic</u>	e. Inc.			+	
3.	The Post Office addre	ss of the app	licant is P. O.	Box 195	8 Roose	<u>velt, Utal</u>	3 8406	06
4	The quantity of water	r to be appro	priated	S	econd-feet a	ind/or <u> 24 :</u>	.0	acre-feet
5.	The water is to be use	d for <u>011</u>	well drilling (Major Purpose)	from	Sept. 4 (Month)	, 1984 <sub>to</sub> (N	Sept.	(Day)
	other use period	_444 464 4744 474	(Minor Purpose)	from	(Month)	(Day) (A	ionth)	(Day)
	and stored each year							
6.	The drainage area to	which the di	rect source of sup	ply belon	gs is	(Leave B	lank)	
7.	The direct source of			(iVame o	i stream or othe	er source)		
	which is tributary to.		****		, tributa	ry to		
first a space may	*Note.—Where water is to be space and the remaining space, giving its name, if named, a sink, evaporate, or be diver- ted, the direct source should it	diverted from a es should be left and in the remain ed before reach be designated as a	well, a tunnel, or drai blank. If the source is ning spaces, designate t ing said channels. If w stream and not a sprin	in, the source is a stream, a the stream ch vater from a : ng.	should be des spring, a spring namels to whic spring flows in	ignated as "Uni	derground n, so indi- r, even th- ce channo	eate in the first ough the water el before being
8. Sc	The point of diversion outh 1000 ft. from	NE Cor. S	Ec. 11, T3S,R	5W.USB&M				
	42							
west at a	*Note.—The point of diversic with reference to a United S greater distance, to some pr sion is not defined definitely. The diverting and car of use	tates land survey ominent and pe crying works	will consist of _P	t. No application	nument i with the relation will be re	rucks and	in which	en the point of
10.	If water is to be storarea inundated in ac	ed, give capa	city of reservoir is legal subdivi	n acre-fee ision of ar	t ea inundate	he	ight of	dum
11.	If application is for i	rrigation pur	poses, the legal su	ubdivision	s of the are	a irrigated a	re as fo	ollows:
*****			***********					
						otal		Acres
	Is the land owned by Is this water to be us			1 6 2 5	ודת חדו	- companie	8	
13.	If "yes," identify of							
14.	If application is for	power purpo	ses, describe type	of plant,	size and rat	ed capacity	•	
15.	If application is for	mining, the v	water will be used	in	ores are m	ned	_Minin	g District at
16.	If application is for	stockwaterin	ig purposes, numb	er and ki	nd of stock	watered		
<b>% 17</b> .	If application is for	domestic pu	rposes, number of	f persons		, or families		
-18 19	If application is for	other uses, ii	nclude general des	scription o	or brobosen	nzcz	[]]:::::::::::::::::::::::::::::::::::	**************************************
20	completion work Give place of use by graphs 14 to 19, inc	legal subdiv	ision of the Unite explanatory	d States I	Land Survey	for all uses	descri	bed in para-
21	. The use of water a feet of water and . stream or source a	none	this application v	will consu and/ or	me <u>24.0</u> acre feet	) s <b>xxx</b> will be retu	KKKUK	xmd/or acre-

Paragraph # 20:	7-3 SWANE'S Sec. 3, T4S,R4W,USB&M
	7-4 SW4NE' Sec. 4, T4S, R4W, USB&M
	12-7 NW4SW4 Sec. 7, T4S,R4W,USB&M
	10-8 NW4SE4 Sec. 8, T4S,R4W,USB6M
	4-9 NW4NW4 Sec. 9, T4S,R4W,USB&M
	8-9 SEKNEK Sec. 9, T4S,R4W,USB&M
	4-10 NWkNWk Sec. 10. T4S.R4W.USB&M
	6-10 SEKNWK Sec. 10, T4S,R4W,USB&M
	10-12 NW SE's Sec. 12, T4S, RSW, USBAM
	16-8 SELSEL Sec. 8, T45,R4W,USB&M
	16-9 SE <sup>1</sup> 4SE <sup>1</sup> 4 Sec. 9, T4S,R4W,USB&M
	3-13 NE'kNW' Sec. 13, T4S,R5W,USB&M
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· -	page 4 if additional explanatory is needed.)
The quantity of water can be benef	ter sought to be appropriated is limited to that which ficially used for the purpose herein described
·	Alm M. las
<u></u>	Signature of Applicant*
f applicant is a corporation or oth	her organization, signature must be the name of such corporation or org
proper officer, or in the name of the	he partnership by one of the partners, and the names of the other parties, the affidavit below need not be filled in. If there is more than one
er of attorney, authorizing one to	act for all, should accompany the Application.
	THE STATE OF STREET
	DECLARATION OF CITIZENSHIP
E OF UTAH SINIAL 85	
d the	September 1984 personally appeared bet
the the	above applicant who, on oath, declared that he is a citizen of the Unit

## FEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH

	<del>-</del>	ES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAL
Flo	w rate — c.f.s.	
	0.0 to	0.1\$ 15.00
		0.5 30.00 1.0 45.00
	over 0.5 to	1.0
	over 1.0 to	150.00 foot per second.
		•
Sto	rage — acre-io	
	0 to	
		500
	over 500 to	7500
	Over 1900	Journal and the second
		3
		(This section is not to be filled in by applicant)
	2:30	P-ym. STATE ENGINEER'S ENDORSEMENTS
		•
1.	7-7-5	4 Application received by mail in State Engineer's office by
2.		Priority of Application brought down to, on account of
	***************************************	
3.	***************************************	Application fee, \$, received by Rec. No
		Application microfilmed by
		Indexed by
ο.		
	**************	
		Application examined by
7.		Application returned, or corrected by office
	**************	
Ω		Corrected Application resubmitted by mail to State Engineer's office.
٥.		
		Application approved for advertisement by
		Notice to water users prepared by
11.		Publication began; was completed
		Notice published in
12		Proof slips checked by
		Application protested by
ĻU.		Tippication processes by
		Publisher paid by M.E.V. No.
		Hearing held by
		Field examination by
<i>~</i>		approval rejection
. T.		Application designated for rejection
١8.		Application copied or photostated by proofread by
19.	**************	Application approved rejected
20.	Conditions:	
	This App	dication is approved, subject to prior rights, as follows:
	<del>+ -</del>	l construction work shall be diligently prosecuted to completion.
5 <b>1</b> 1		
		of Appropriation shall be submitted to the State Engineer's office by
j	<b>WECKNESS</b>	
en incl	Maria de la compansión de	***************************************
		State Engineer
		Time for making Proof of Appropriation extended to
21.		
21.		
	**********	
22.		

Application No.....

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL WITHIN THE UINTAH OURAY RESERVATION

Company			Lomax	Explor	ation	Co.	· · · ·	We]	L1 N	۰۰ _		7-4	
Location	· <u>-</u>	Sec.	4		T48	R4W	· · · ·	Lease	No.	BIA	14-20	)-н62-	-3333
Onsite I	nsp	ection	n Date _		10-25	5-84							

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

#### A. DRILLING PROGRAM

1. All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

Prior to drilling out the surface casing shoe, the ram-type preventers shall be tested to 2,000 psi, and the annular-type preventer shall be tested to 1,500 psi.

BOP and choke manifold systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

#### 3. Casing Program and Auxiliary Equipment

The cementing program for the 7-inch casing and the  $4\frac{1}{2}$ -inch casing shall isolate and protect all hydrocarbon and fresh water zones encountered while drilling.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

#### 4. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

#### 5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

6. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producting status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/ flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

#### B. THIRTEEN POINT SURFACE USE PLAN

#### 7. Planned Access Roads

a. Width: 30' right-of-way.

All travel will be confined to existing access road rights-of-way.

If the surface rights are owned by the Ute Indian Tribe and mineral rights are owned by another entity, an approved right-of-way will be obtained from the BIA before the operator begins any construction activities. If the surface is owned by another entity and the mineral rights are owned by the Ute Indian Tribe, rights-of-way will be obtained from the other entity.

#### 8. Location of Tank Batteries and Production Facilities

All permanent (on site for six months or longer) structures constructed or installed (including oil well pumpjacks) will be painted a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5 State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain  $1\frac{1}{2}$  times the storage capacity of the battery.

Tank batteries will be placed on the east side of the location between points No. 1 and 8.

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future

meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

9. If fill materials are needed to construct roads and well sites, proper permits will be obtained. A copy of the permit needed to obtain water will be attached to the application if water is to be used for the drilling. Information for permits will include: (a) the approximate amount of water or materials needed, (b) location and ownership of the water rights or materials to be used, and (c) the approximate amount of time the water or materials will be required.

#### 10. Methods of Handling Waste Disposal

Storage tanks will be used if drill sites are located on tribal irrigable land or on lands under crop production. All reserve pits will be lined with a plastic nylon reinforced liner.

Burning will not be allowed. All trash must be contained and disposed of by a trash cage and hauled to an approved sanitary landfill.

Produced waste water will be confined to a lined pit for a period not to exceed 90 days after initial production. During the 90-day period, an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

#### 11. Well Site Layout

The reserve pit will be located on the west side of the location between points No. 4 and 5.

The stockpiled topsoil will be stored on the east side of the location between points No. 2 and 1.

Access to the well pad will be from the east near point No. 8.

Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire.

#### 12. Plans for Restoration of Surface

Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. If a plastic nylon reinforced liner is used, it should be torn and shredded before backfilling of the reserve pit.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the private land owner. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The seed mixture will be determined by the private land owners surface agreement.

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed within 90 days of well completion.

Abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include: (a) reestablishing irrigation systems where applicable, (b) reestablishing soil conditions in irrigated fields in such a way as to insure cultivation and harvesting of crops, and (c) insuring revegetation of the disturbed areas to the specifications of the private surface land owner at the time of abandonment.

The operator will submit a plan of controlling noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds can be obtained from the appropriate county extension office.

#### 13. Surface and Mineral Ownership

Private surface and Indian minerals.

#### 14. Other Information

A high berm will be constructed on the north side of the reserve pit.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

The dirt contractor will be provided with an approved copy of the surface use plan.

A cultural resource clearance will be required before any construction begins. If any cultural resources are found during construction, all work will stop and the AO will be notified.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

#### 15. Lessee's or Operators Representative and Certification

Operator employees, including subcontractors, will not carry firearms or other weapons that may be used to kill game animals.

Operator employees, including subcontractors, will be confined to established roads and well sites. The purpose of this is to prevent soil erosion, and to prevent harassment of game animals or livestock with off-road vehicles such as snowmobiles, motorcycles, or 4-wheel drives.

All roads constructed by operators on the Uintah and Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (a) that the land is owned by the Ute Indian Tribe, (b) the name of the operator, (c) that firearms are prohibited to all non-Ute Tribal members, (d) that permits must be obtained from the B.I.A. before cutting firewood or other timber products and (e) only authorized personnel permitted.

A bench mark will be established near each well site at a location where it will not be destroyed. The bench mark will be a brass cap set in concrete. The brass cap will show the well number and elevation to the nearest one-tenth of a foot. The cuts and fills diagram for the well site will show elevations in relation to the bench mark.

OPERATOR Jones Expliration DATE 10-30-84
WELL NAME Coyote lite Tribal # 24
SEC SWNE 4 T 45 R 4W COUNTY Duchesne
43-6/3-3/0/4 India  API NUMBER TYPE OF LEASE
POSTING CHECK OFF:
INDEX
NID PI
MAP
PROCESSING COMMENTS:
Water or - #43-9611 T. 60262
APPROVAL LETTER:
SPACING:
c-3-b
SPECIAL LANGUAGE: STIPULATIONS

	RECONCILE WELL NAME AND LOCATION ON APD AGAINST	SAME	DATA	ON <b>PLA</b> I
4	AUTHENTICATE LEASE AND OPERATOR INFORMATION			
~	VERIFY ADEQUATE AND PROPER BONDING			
ı	AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.			
	APPLY SPACING CONSIDERATION	·		
. a.	ORDER			
· .	UNIT			10 m 10 m 10 m 10 m 10 m 10 m 10 m 10 m
	с-3-ь			•
	c-3-c			î V
	CHECK DISTANCE TO NEAREST WELL.			1 m
-	CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR	or's o	THER	WELLS.
	IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON A	APPROV	AL LE	TTER
	IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVA	L LAN	GUAGE	
, <u> </u>	<b>_</b>		•	1 1 1



4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 1, 1984

Lomax Exploration Company P. O. Box 4503 Houston, Texas 77210-4503

#### Gentlemen:

Re: Well No. Coyote Ute Tribal #7-4 - SW NE Sec. 4, T. 4S, R. 4W 1370' FNL, 1437' FEL - Duchesne County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Order of Cause No. 139-8 dated September 20, 1974.

In addition, the following actions are necessary to fully comply with this approval:

- Spudding notification to the Division within 24 hours after drilling operations commence.
- 2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
- Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 533-5771, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
- 4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Page 2 Lomax Exploration Company Well No. Coyote Ute Tribal #7-4 November 1, 1984

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31014.

Sincerely,

Associate Director, Oil & Gas

as
Enclosures
ence Pranch of Fluid M

cc: Branch of Fluid Minerals Bureau of Indian Affairs

Form 3160-3 (November 1983) (formerly 9-331C)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR

SUBMIT IN Th\_\_ICATE\* (Other instructions on reverse side)

Form approved. Budget Bureau No. 1004-0136 Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

	BUREAU OF	LAND MANAG	EMEN	T		ВІА-14-20-Н6	2-3333
APPLICATIO	N FOR PERMIT	TO DRILL, D	EEPE	N, OR PLUC	BACK	6. IF INDIAN, ALLOTT	
1a. TYPE OF WORK						Ute	
DR b. Type of well	ILL 🛛	DEEPEN [	J	PLUG I	BACK 🗌	7. UNIT AGREEMENT	NAME
OIL V	AS				LTIPLE	8. FARM OR LEASE N	AME
2. NAME OF OPERATOR	VELL OTHER	· · · · · · · · · · · · · · · · · · ·	ZO	NE L. ZOI	NIC	Coyote Ute Tr	
Lomax Explorat	tion Company					9. WELL NO.	ıba i
3. ADDRESS OF OPERATOR	o ton oompung				<u> </u>	-  #7-4	
P. O. Box 4503	3 Houston, Te	exas 77210-	4503			10. FIELD AND POOL,	OR WILDCAT
At surface	deport location clearly and	in accordance with	any S	tate requirements.*)		Wildcat	
1370	D' FNL & 1437 F	EL SW/NE				11. SEC., T., R., M., OF AND SURVEY OR	BLK.
At proposed prod. zon	ne						
14 DISCRING IN MILES	AND DIRECTION TOOL VI					Sec. 4, T4S,	
	AND DIRECTION FROM NEA		OFFICE	•		12. COUNTY OR PARIS	
15. DISTANCE FROM PROP	of Duchesne, Uta	an .	16 NO	OF ACRES IN LEASI	1 17 NO	Duchesne	Utah
LOCATION TO NEARES PROPERTY OR LEASE 1 (Also to nearest dr)	T LINE, FT. g. unit line, if any) 1	370'		964.72		this well	
18. DISTANCE FROM PROI TO NEAREST WELL, I OR APPLIED FOR, ON TH	DILLING COMPLETED	NA		B500 1	i i	otary	
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)				<del></del>	22. APPROX. DATE W	ORK WILL START*
5639' GR						Feb 1983	
23.	1	PROPOSED CASIN	G AND	CEMENTING PRO	GRAM		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FO	от	SETTING DEPTH		QUANTITY OF CEM	ENT
13"	9-5/8"	36#		600'	To su	rface	
8-3/4"	7"	23# & 26#		7500'		quired	
6-1/8"	4-1/2" Liner	13.50#		8500'	As re	quired	
Cinl	is poted BHP	Pi J	EC An 2 Visig	EIVED	5/84	007 1284 1020 1020	152521282930gy
		•				•	•
in above space describing to an in above space described by the space of the space		dly, give pertinent	data or	ug back, give data of subsurface location  D. Drlg. & Pi	as and measure	d and true vertical dep	ths. Give blowout
	ral or State office use)						
PERMIT NO.	Aria?			APPROVAL DATE			
$\mathcal{L}$	5////					•	016-

CONDITIONS OF AFFECIVAL ATTACHED

CONDITIONS OF APPROVAL, IF ANY :

TITLE DISTRICT MANAGER

NOTICE OF APPROVAL

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



## United States Department of the Interior,

# BUREAU OF INDIAN AFFAIRS UINTAH AND OURAY AGENCY

Fort Duchesne, Utah 84026 (801) 722-2406 Ext. 33, 34

IN REPLY REFER TO:

Real Property Management Ten. and Mgmt.

DEC 1 1 1984 STUGO

MEM	ORA	MD	UM
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District Manager, Bureau of Land Management

ACti

FROM:

Superintendent, Uintah and Ouray Agency

SUBJECT:

LOMAX EXPLORATION COMPANY

, Well #7-4, 4-9, 10-8, 16-8

in the Section 4, 8, and 9, Township 4 South, Range 4 West, USM

We (KRHKHKKKKK recommend) approval of the Application for Permit to Drill subject well.

Based on available information on 12/7/84, we have cleared the proposed location in the following areas of environmental impact.

YES YES		NO NO	X X	Listed threatened or endangered species. Critical wildlife habitat.
YES		NO	X	Archaeological or cultural resources.
YES		NO		Air quality aspects (to be used only if project is
YES .		NO	<del></del>	<pre>in or adjacent to a Class I area of attainment) Other (if necessary)</pre>
ARKS:	FEE	SURFA	CE. BI	A has no surface jurisdiction.

The necessary surface protection and rehabilitation requirements are as per approved APD.

Roger & Cooned

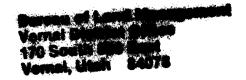
RECEIVED

BETT OF INTERIOR

EUR OF LAND RAMKCEMENT

VERMAL UTAH

DEC 1 2 1984



### RECEIVED

AUG 0 5 1985

3162.35 11-820 14-20-H62-3333

DIVISION OF OIL GAS & MINING

July 22, 1985

Lomez Exploration Co. P. C. Bex 4503 Houston, TX 77210-4503

> Rescind Application for Permit to Drill Well No. Coyote Ute Tribal 7-4 Section 4, 745, R4W Duchesne County, Utah Lease No. 14-20-H62-3333

The Application for Permit to Drill the referenced well was approved on January 21, 1986. On January 15, 1985 Koch Industries, Inc. sent a letter rescinding the authority granted Lamax Exploration Co. by the Designation of Operator for Section 4, T45, RAM. In view of the foregoing. this office is rescinding the approval of the referenced application.

This effice requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved legation of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your conserction in this matter is appreciated.

Sincerely.

Crafg N. Hansen ADM for Minerals

bcc: State Div. 6 4 1 H

well ffle

BIA

#### Bureau of Land Management Verna! District Office 170 South 500 East Vernal, Utah 84078

RECEIVED

AUG 0 5 1985

3162.35 U-820 14-20-H62-3333

DIVISION OF OIL GAS & MINING

July 22, 1985

Lomax Exploration Co. P. O. Box 4503 Houston, TX 77210-4503

RE: Rescind Application for Permit to Drill Well No. Coyote Ute Tribal 7-4 Section 4, T4S, R4W Duchesne County, Utah Lease No. 14-20-H62-3333

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This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

Craig M. Hansen ADM for Hinerals

bcc: State Div. O G & M

well file

BIA



Norman H. Bangerter, Governor Dee C. Hansen, Executive Director Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

January 16, 1986

Lomax Exploration Company P.O. Box 4503 Houston, Texas 77210-4503

Gentlemen:

Re: Well No. Coyote Ute Tribal #7-4 - Sec. 4, T. 4S, R. 4W, Duchesne County, Utah - API #43-013-31014

In concert with action taken by the Bureau of Land Management, July 22, 1985, approval to drill the above referenced well is hereby rescinded.

A new "Application for Permit to Drill" must be filed with this office, for approval, prior to future drilling of the subject location.

Sincerely,

John R. Baza

Pétroleum Engineer

ts

cc: Dianne R. Nielson Ronald J. Firth

File

0320/37